

### **AMENDMENTS TO THE CLAIMS**

Please cancel claims 24, 27, 28 and 44 without prejudice or disclaimer as to their subject matter, amend claims 1, 3 and 26 by this amendment and newly add claims 50-52 by this amendment as follows:

1           1. (Currently Amended) A method, comprising the steps of:  
2           displaying a menu and an indicator for selecting one of menu items of said menu;  
3           making a selection of a menu item by using said indicator;  
4           displaying a sub menu corresponding to the selected menu item, with said sub menu being  
5           comprised of a plurality of sub menu items contextually related to said menu item; [[and]]  
6           automatically adjusting the position of said indicator to be located within said sub menu;  
7           storing a location of the selected menu item within a display screen; and  
8           automatically adjusting the display of said indicator to the stored location of the selected  
9           menu item when said sub menu is erased.

1           2. (Currently Amended) The method of claim 1, further comprised of automatically, initially  
2           displaying said indicator superimposed upon a first sub menu item of said sub menu upon ~~initial said~~  
3           displaying of said sub menu.

1           3. (Currently Amended) The method of claim 1, further ~~comprised of~~ comprising:  
2           initiating display of said menu on a display screen by manually pressing a selection key on

3     [[said]] a remote controller;

4             moving said indicator within said screen by manipulating a cursor controller mounted on said  
5 remote controller; and

6             making said selection by manual manipulation of said selection key.

1             Claims 4 through 16 (Canceled)

1             17. (Previously Presented) A television apparatus, comprising:

2             a trackball on a remote controller adapted to control the movement of an indicator on a  
3 television display screen relative to a predetermined initial position of said indicator on the screen  
4 to select a displayed menu item;

5             a trackball movement sensor sensing a shift value of the movement of said trackball along  
6 X-Y coordinates relative to the predetermined initial position of said indicator;

7             a selection key which selects said menu items;

8             a menu key which displays said menu on said television display screen;

9             a shift value data storage unit accommodating the storing shift value data corresponding to  
10 the movement of said trackball relative to the initial indicator position;

11            a control commander selecting the control function corresponding to said menu item where  
12 said indicator is located when said selection key is activated;

13            a data generator, responsive to said remote controller for generating data corresponding to  
14 the stored shift value of said trackball received from said shift value data storage unit when said

remote controller is activated; and

a transmitting unit accommodating coding and transmitting data from said data generator to an electrical appliance; and

wherein said electrical appliance comprises:

a receiver accommodating the data transmitted by said transmitting unit;

a display control unit, connected to said receiver, displaying a menu on said television display screen according to said received data;

an indicator display unit, said indicator display unit displays said indicator in a center point of a selected submenu;

said television display screen;

a microprocessor; and

a menu storage unit, connected to said display control unit, adapted to provide data which is displayed on said television display screen, the indicator display unit causing the location of the indicator on the television display screen to move on the display screen when the trackball moves, the indicator display unit also causing the indicator to suddenly and automatically jump to a new location on the television display screen when said television display screen displays a different menu.

Claims 18 through 24 (Canceled).

25. (Previously Presented) The method of claim 1, said indicator being a pointer.

1           26. (Currently Amended) The method of claim 1, said making step comprising user  
2 manipulation of a trackball on a remote controller causing said indicator to move on a display to the  
3 selected menu item followed by pressing a selection key on said remote controller, said automatically  
4 adjusting the position of the indicator step comprising sudden translation of said indicator across the  
5 display to the submenu at a time simultaneous with the displaying of the sub menu.

1           Claims 27 - 28 (Canceled)

1           29. (Previously Presented) The method of claim 1, further comprising the step of erasing the  
2 submenu automatically causing said menu items to reappear and automatically and simultaneously  
3 causing said indicator to skip back to said previously selected menu item.

1           30. (Previously Presented) The television apparatus of claim 17, further comprising an  
2 enlargement/reduction key adapted to cause the size and location of a displayed menu to suddenly  
3 change a size and a location on the display while simultaneously causing said indicator to jump to  
4 a new location within the changed menu when the enlargement/reduction key is depressed by the  
5 user, said jump in the location of the indicator not being brought about by said trackball.

1           31. (Previously Presented) A method of controlling a pointer on a display, comprising:  
2 pressing a button on a control panel causing a main menu to appear and simultaneously and

3 automatically causing the pointer to appear within the main menu, the main menu having a plurality  
4 of menu items, the pointer being automatically placed in a first of said plurality of menu items;

5 manually manipulating a device causing the pointer to gradually move to a user selected  
6 menu item; and

7 pressing a button on the control panel causing selection of said menu item containing said  
8 pointer and thus automatically causing a sub menu to appear on the display and simultaneously,  
9 suddenly and automatically causing said pointer to move to said sub menu.

1 32. (Previously Presented) The method of claim 31, said device that is manually manipulated  
2 to move the pointer being a track ball.

1 33. (Previously Presented) The method of claim 31, each menu item in said main menu  
2 being represented by a tetragon, the pointer being in a geometric center of said first of said plurality  
3 of said menu items.

1 34. (Previously Presented) The method of claim 31, said sub menu comprising a plurality  
2 of sub menu items, each sub menu item being represented by a tetragon, said pointer being initially  
3 located in a geometric center of a first or top sub menu item.

1 35. (Previously Presented) The method of claim 31, further comprising causing said  
2 submenu to disappear, causing said display to display said main menu with the pointer in said

3 previously selected menu item of said main menu.

1 36. (Previously Presented) The method of claim 35, said pointer automatically reappearing  
2 in said previously selected menu item in said main menu without any user manipulation of any  
3 control when said main menu reappears.

1 37. (Previously Presented) The method of claim 31, further comprising pressing a button on  
2 said control panel causing an image on the display to disappear and causing said main menu to  
3 appear enlarged, said pointer being automatically moved to said enlarged main menu on said display  
4 without any further user manipulation.

1 38. (Previously Presented) The method of claim 31, said control panel being on a remote  
2 control device physically separated from the display.

1 39. (Previously Presented) A method for controlling the location of a pointer on a display,  
2 comprising:

3 displaying a main menu having a plurality of menu items while simultaneously displaying  
4 the pointer on the display;

5 moving a location of the pointer on the display to one of said plurality of menu items on said  
6 main menu via user manipulation of a trackball;

7 selecting said menu item where said pointer is present by user pushing a button on a control;

8 and

9 suddenly displaying a submenu comprising a plurality of sub menu items on said display  
10 while simultaneously and automatically having the location of the pointer on the display to skip to  
11 a location within said submenu.

1 40. (Previously Presented) The method of claim 39, said submenu being distinguished from  
2 said main menu.

1 41. (Previously Presented) The method of claim 39, said main menu disappearing from the  
2 display when said submenu appears.

1 42. (Previously Presented) The method of claim 39, said display being a high definition  
2 television.

1 43. (Previously Presented) The method of claim 39, further comprising reverting back to the  
2 main menu from the submenu causing the main menu to reappear at a location on the display  
3 different from where the submenu appeared, causing the pointer to automatically skip back to said  
4 selected menu item on said main menu.

1 Claim 44 (Canceled)

1           45. (Previously Presented) The method of claim 31, said main menu disappearing from the  
2 display when said submenu appears.

1           46. (Previously Presented) The television apparatus of claim 17, the indicator display unit  
2 receiving manual movement of the indicator signals from the trackball movement sensor and  
3 automatic movement of the indicator from the command controller and moving the cursor based on  
4 a combination of signals from both of these sources.

1           47. (Previously Presented) The television apparatus of claim 17, the indicator display unit  
2 being configured to cause the location of the indicator on the television display screen to move on  
3 the display screen when the trackball moves, the indicator display unit also causing the indicator to  
4 suddenly and automatically jump to a new location on the television display screen when said  
5 television display screen displays a different menu.

1           48. (Previously Presented) The method of claim 31, the manual manipulating step being  
2 accomplished by moving a trackball, said trackball causing the pointer to slide and not skip across  
3 the display.

1           49. (Previously Presented) The television apparatus of claim 17, the trackball enabling the  
2 indicator to gradually slide and not skip across the display screen



1           50. (New) The method of claim 32, both the trackball and the control panel being on a same  
2 remote controller, the remote controller not being directly attached to the display.

1           51. (New) The method of claim 36, the pointer reappearing at a geometric center of the  
2 previously selected menu item.

1           52. (New) The method of claim 39, the trackball being on said control along with said  
2 button.